

JOB SHEET 10-7
LOADING BACKUP DATA
(From SCSI Tape to PUP)

INTRODUCTION

You may occasionally want to load old data sets, from a quarter inch SCSI tape, into the PUP database for further investigation. More likely, you may need to reload software files back into the PUP's database. Remember only SCSI tapes can hold software files. These files include Adaptation Data (Product Colors, Adaptation RPS Lists, Non-Associated RPG telephone numbers, etc.), Background Map files, User Function definitions, and Time Lapse files.

Using the BACKUP utility program requires the use of some other OS/32 commands; these include LOAD and START. The CANCEL command may also be used if you make a mistake. There is some discussion on each of these commands in this Job Sheet.

This procedure may require prior approval by your instructor or focal point.

OBJECTIVE

Using the PUP Applications Terminal, PUP System Console, and the computer cabinet, you will be able to load data from a SCSI Tape into the PUP database.

REFERENCE

NWS EHB 6-531 OPERATION INSTRUCTIONS: PUP GROUP, Table 2-2.12

PROCEDURE

NOTE - Step 2 erases the PUP database. **Only perform Step 2 if you have permission from your instructor or focal point.** This step is normally done to prevent having more than one data set residing in the PUP database. If you are not loading product data, skip step 2.

ALSO NOTE - Step 3 need not be done in lab. It should be considered in the field to give your users some warning of a system shut-down. You may also consider sending a PUP Text Message to keep your users informed of your status.

1. At the PUP Applications Terminal, either check the Archive Statue by typing **ST,A** or cancel the Archive function by typing **A,C,A** and press **RETURN**. If you are not clearing the data base, go to step 4.
2. Type **FESTUS,CLEAR** and press **RETURN**.
 - Clear the PUP's database of all products.
 - FESTUS is the password in this case.
3. Use the office procedure to notify users that the PUP is going down.
4. At the PUP System Console, type **PUPDOWN** and press **RETURN**.
 - This command clears the PUP software from memory.
 - The PUPDOWN process checks the status of Archive IV. If archive is active, the message: *****CANCEL ARCHIVE BEFORE BRINGING PUP DOWN***** displays.
5. Check the SCSI tape cartridge and ensure the arrow on the screw is pointing toward safe.
 - This way the tape cannot be accidentally erased or overwritten. (When archiving to SCSI tape, do the opposite.
6. At the PUP Computer Cabinet, insert the SCSI tape into the drive.
 - After inserting the SCSI tape into the tape drive, push the lever to the right. The tape rewinds.

STEPS 7 THROUGH 14 ARE PERFORMED AT THE PUP SYSTEM CONSOLE

7. At the OS/32 prompt '*', type **L BACKUP,500** and press **RETURN**.
 - The **L** is a shortcut command for **LOAD**. In OS/32, a task must be loaded into memory before it can be executed. This is done with the **LOAD** command.
 - **BACKUP** is the task identifier. The **500** reserves a working space in memory for the **BACKUP** task to use.
 - The System Console responds with **TSKID = BACKUP**.
8. Type **ST** and press **RETURN**.
 - **ST** is short for the **START** command. The **START** command is necessary to execute a task once loaded.
 - The system responds with the prompt: **BACKUP>**

TYPE THE FOLLOWING AT THE **BACKUP>** AND PRESS **RETURN** AFTER EACH.

9.

I=ST0:	<u>I</u> nput device = <u>S</u> torage Tape (SCSI)
O=DSC0:	<u>O</u> utput device = Hard <u>D</u> isk
L=CON:	All <u>L</u> ist output is directed to the <u>C</u> onsole
SEL=CON:	Used if <u>S</u> electing certain files, off the tape, for copying or loading.
DEL/NOD	<u>D</u> ele t e file on output disk regardless of creation <u>d</u> ate.
END	<u>E</u> nds the input of information to the BACKUP task.

 - The response is: ***BACKUP>**
 - If you make a typographical error or otherwise, the **BACKUP** task may pause. Type **CA BACKUP**, short for **CANCEL**, to clear the task from memory. When using the **CANCEL** command, specify the task to be canceled. After the task has been canceled, re-start with step 7.

10. Type the data files you need and press **RETURN** after each.

BACKGRND.DAT	original background map files
EBMFILE.DAT	edited background map files

- The response is: *BACKUP>
11. Type **/** [dot slash] and press **RETURN**.
- This is an end of data indicator and the backup process begins.
12. Periodically type **D L** and press **RETURN**.
- This is short for the OS/32 command Display Logical Units. It shows the progress of the file transfer (% completed) along with the logical assignments.
 - When the task is complete, the response is: END OF TASK 0 .

NOTE: if the end of task code is not 0, a problem may have occurred in the backup procedure and you should redo it.

13. At the PUP Computer Cabinet, check to see that the rollers are not moving (which may not be easy to do), then take the SCSI tape out of the tape drive.
14. At the PUP System Console, type **PUPUP** and press **RETURN**.

END